

APPENDIX I

**MCACES COST ESTIMATE
PEANUT ISLAND**

Wed 16 Feb 2000
Eff. Date 02/15/00

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR

TIME 09:39:39
TITLE PAGE 1

Peanut Island ERR
Concept Estimate

Designed By:
Estimated By: Kirby Ray Clifton

Prepared By: Kirby Ray Clifton

Preparation Date: 02/15/00
Effective Date of Pricing: 02/15/00

Sales Tax: 6.00%

This report is not copyrighted, but the information
contained herein is For Official Use Only.

MCACES GOLD EDITION
Composer GOLD Software Copyright (c) 1985-1994
by Building Systems Design, Inc.
Release 5.30A

Peanut Island
Cost estimate for Environmental Restoration Report (ERR)

This cost estimate was produced in response to a request from Planning Division.

The cost estimate is for alternate "C" and is conceptual in nature. The ERR contains brief narrative descriptions of the project features. The ERR and the "Conceptual Design Report" contain concept designs.

The structure of the estimate follows that of the estimate provided by the sponsor because the quantities are not provided for individual features of the project.

Basis of Cost

Quantities

The quantities provided in the ERR are used.

Cost estimate relies on historical cost, developed cost, MCACES Unit Cost Book, Cost Models, and cost information provided by Palm Beach County Department of Environmental Resources Management.

The cost estimate incorporates a contractor cost of 30% of direct cost.

No specific cost risk analysis has been performed. The cost estimate incorporates a contingency cost of 20% of contract cost because of the level of design.

The cost estimate, where necessary, relies on labor rates and equipment rates data compiled for the Central and South Florida Comprehensive Plan Feasibility cost estimates.

Non-construction (Planning Engineering and Design, and Supervision and Administration) cost are not included in the cost estimate.

Wed 16 Feb 2000
Eff. Date 02/15/00
TABLE OF CONTENTS

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR

TIME 09:39:39
CONTENTS PAGE 1

SUMMARY REPORTS

SUMMARY PAGE

PROJECT OWNER SUMMARY - Con/Non.....	1
PROJECT OWNER SUMMARY - Element.....	2

No Detailed Estimate...

No Backup Reports...

* * * END TABLE OF CONTENTS * * *

Wed 16 Feb 2000
Eff. Date 02/15/00

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR
** PROJECT OWNER SUMMARY - Con/Non (Rounded to 100's) **

TIME 09:39:39

SUMMARY PAGE 1

	QUANTITY	UOM	CONTRACT	CONTING	TOTAL COST

01 Contract 1					
01-01 Construction Cost	3,973,400		794,700		4,768,100
01-02 Non Construction Cost					

TOTAL Contract 1	3,973,400		794,700		4,768,100
02 Contract 2					
02-01 Public Access Components	389,500		0		389,500

TOTAL Contract 2	389,500		0		389,500

TOTAL Peanut Island ERR	4,362,900		794,700		5,157,600

Wed 16 Feb 2000
Eff. Date 02/15/00

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR
** PROJECT OWNER SUMMARY - Element (Rounded to 100's) **

TIME 09:39:39

SUMMARY PAGE

	QUANTITY	UOM	CONTRACT	CONTING	TOTAL COST
01 Contract 1					
01-01 Construction Cost					
01-01-06 Fish and Wildlife Facilities					
01-01-06- 03 F&W Facilities & Sanctuary					
01-01-06- 03-001	Mobilization and Demobilization		109,300	21,900	131,100
01-01-06- 03-002	Land Clearing and Chipping	28.40 ACR	62,400	12,500	74,900
01-01-06- 03-003	Placment of Mulch	11.10 ACR	72,000	14,400	86,400
01-01-06- 03-004	Grading of Uplands	200770 CY	381,100	76,200	457,300
01-01-06- 03-005	Grading of Wetlands	86305 CY	324,600	64,900	389,600
01-01-06- 03-006	Off Island Transport	287075 CY	1,109,100	221,800	1,330,900
01-01-06- 03-007	turbidity monitoring		33,500	6,700	40,200
01-01-06- 03-008	Rock for Reef (granite)	7200.00 TN	466,900	93,400	560,200
01-01-06- 03-009	Rock for Reef (Limestone)	3000.00 TN	153,000	30,600	183,600
01-01-06- 03-010	Rock for Lagoon (Limestone)	2300.00 TN	117,300	23,500	140,800
01-01-06- 03-011	Rock for Tital Pond (Limestone)	4500.00 TN	229,500	45,900	275,400
01-01-06- 03-012	Rock for Shoreline (granite)	1800.00 TN	116,700	23,300	140,100
01-01-06- 03-013	Crib Structure Piles	5200.00 VLF	230,500	46,100	276,600
01-01-06- 03-014	Crib Structure Pile Caps	50.00 CY	31,800	6,400	38,200
01-01-06- 03-015	Crib Structure Beams	75.00 CY	47,700	9,500	57,200
01-01-06- 03-016	Trees and Bushes	4773.00 EA	412,200	82,400	494,700
01-01-06- 03-017	Herbaceous Plants	50094 EA	75,700	15,100	90,900
TOTAL F&W Facilities & Sanctuary			3,973,400	794,700	4,768,100
TOTAL Fish and Wildlife Facilities			3,973,400	794,700	4,768,100
TOTAL Construction Cost			3,973,400	794,700	4,768,100

01-02 Non Construction Cost

01-02-01 Real Estate

01-02-30 Planning Engineering & Design

01-02-30-001 Planning Engineering & Design

01-02-31 Supervision and Administration

01-02-31-001 Supervision and Administration

TOTAL Contract 1	3,973,400	794,700	4,768,100
------------------	-----------	---------	-----------

02 Contract 2

Wed 16 Feb 2000
Eff. Date 02/15/00

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR
** PROJECT OWNER SUMMARY - Element (Rounded to 100's) **

TIME 09:39:39
SUMMARY PAGE 3

	QUANTITY UOM	CONTRACT	CONTING	TOTAL COST
02-01 Public Access Components				
02-01-01 Public Access Components				
02-01-01-001 Public Access Components				
02-01-01-001-001 Public Access Components	389,500	0		389,500
TOTAL Public Access Components	389,500	0		389,500
TOTAL Public Access Components	389,500	0		389,500
TOTAL Public Access Components	389,500	0		389,500
TOTAL Contract 2	389,500	0		389,500
TOTAL Peanut Island ERR	4,362,900	794,700		5,157,600

Wed 16 Feb 2000
Eff. Date 02/15/00
ERROR REPORT

U.S. Army Corps of Engineers
PROJECT PEAN01: Peanut Island ERR - Concept Estimate
Peanut Island ERR

TIME 09:39:39

ERROR PAGE 1

No errors detected...

* * * END OF ERROR REPORT * * *